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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2014-15

Date: 22-08-2014

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Improvements to Roads and Drains at Bhuvaneshwarinagar in Ward No.06, Byatarayanapura Sub-Division}

Ref. : Letter No. AEE/BPSD/BBMP/23/2014-15, dated 19-08-2014

Sample supplied to lab by: Assistant Executive Engineer,
Byatarayanapura Sub-Division,
BBMP, Bangalore.

Name of the Contractor/Agency*: Sri.V.Chandrappa, Contractor, Bangalore

TEST RESULTS :

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.10 %**
2. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specfications-2001 (Grading – 2)
13.2	**100.00**	100
9.5	**95.80**	90—100
4.75	**45.10**	35—51
2.36	**26.00**	24—39
1.18	**18.20**	15—30
0.3	**13.20**	09—19
0.075	**4.20**	03—08

*As Furnished by Client.

The Results relate only to the items tested

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BUB/CTE/2014-15 **Date: 09-08-2014**

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to Roads and Drains at Bhuvaneshwarinagar in Ward No.06, Byatarayanapura Sub-Division}

Ref. : Letter No. AEE/BPSD/BBMP/23/2014-15, dated 06-08-2014

Sample supplied to lab by: Assistant Executive Engineer,
Byatarayanapura Sub-Division,
BBMP, Bangalore.

Name of the Contractor/Agency*: Sri.V.Chandrappa, Contractor, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**96.30**	95-100
26.50	**---**	-
22.40	**74.20**	60-80
11.20	**44.60**	40-60
4.75	**39.00**	25-40
2.36	**25.80**	15-30
0.600	**18.00**	8-22
0.075	**3.90**	0-8

*As Furnished by Client
The Results relate only to the items tested

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